

IN THE CLAIMS:

1. (Currently Amended) A system for configuring a material application system from various hardware components, comprising:

a user input device remotely located from a manufacturing site for the system;
a configuration program accessible by said user input device over a communication network;

said configuration program presenting a menu of material application system hardware component selection options based on input data from said user input device; said input data comprising material application system ~~operating~~ criteria; said configuration program verifying hardware component compatibility to configure a valid material application system from said hardware components.

2. (Original) The system of claim 1 wherein said input device comprises a personal computer and said network comprises an Internet connection.

3. (Original) The system of claim 1 wherein said configuration program accesses a pricing and inventory database.

4. (Original) The system of claim 1 wherein said Internet connection comprises a secure Web site.

5. Cancelled.

6. (Currently Amended) A method for configuring a spraying application system, comprising the steps of:

- a. connecting a remote user computer to a configuration software program using a communication network;
- b. presenting a menu of hardware component selections;
- c. inputting spraying apparatus ~~operating~~ criteria; and
- d. validating hardware component selections to configure a valid spraying apparatus system from said hardware components.

7. (Original) The method of claim 6 wherein said user computer also accesses a pricing and inventory program.

8 - 11. Cancelled.

12. (Original) The apparatus of claim 1 wherein said configuration program operates from a server connected to the communication network.

13. (Original) The apparatus of claim 12 wherein said user input device accesses a database of test data and configuration data to facilitate troubleshooting.

14. (Previously Presented) The system of claim 1 comprising an animation module for presenting to the user a visual operational animation of a configured material application system.

15. (Previously Presented) The system of claim 1 wherein a user accesses said configuration program through a secure customer specific Internet web site.

16. (Previously Presented) The system of claim 15 wherein said secure customer specific web site is accessed from a manufacturing site related public Internet web site.

17. (Previously Presented) The system of claim 15 wherein said secure customer specific Internet web site operates as a customer specific extranet site for a plurality of customer operations remote locations.

18. (Previously Presented) The system of claim 17 wherein said extranet provides access to a public manufacturing site database of historical data for troubleshooting.

19. (Previously Presented) The system of claim 14 wherein said animation module illustrates spray patterns for selected material application system configurations, said animation module being interactive to permit a user to make configuration changes and visually observe corresponding spray pattern changes.

20. (Previously Presented) The system of claim 18 wherein said animation module accepts modifications to material application system related parameters including spray gun position, system temperature or system pressure, and provides a visual animation to the user of system performance based on said modifications.